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| Form PTO-919 | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. M122-1731 | | SERIAL NO. 09/932,003 | |
| STATE OF ART CITED BY APPLICANT (Use several sheets if necessary) | | | | APPLICANT Cem Basceri | | FILING DATE August 17, 2001 | |
| | | | | GROUP 2813 | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
| yl | AA | US2002/0197793 A1 | Pub. 12/26/02 | Dornfest et al. | | | |
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| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

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| Form PTO-1449 | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. M122-1731 | | SERIAL NO. 09/932,003 | | |
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| LIST OF ART CITED BY APPLICANT (Use several sheets if necessary) | | | | APPLICANT Cem Basceri | | | | |
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| U.S. PATENT DOCUMENTS | | | | | | | | |
| *Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate | |
| YK | AA | 5,711,816 | 01/98 | Kirlin et al. | | | | |
| YK | AB | 6,338,970 B1 | 01/02 | Suh | | | | |
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Sheet 2 of 2

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| Form PTO-1449 | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. M122-1731 | | SERIAL NO. 09/932,003 | |
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| U.S. PATENT DOCUMENTS | | | | | | | |
| *Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
| yh | AA | US2003/0017266 A1 | Pub. 01/03 | Basceri et al. | | | |
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| Form PTO-1139 | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. M122-1731 | | SERIAL NO. 09/932.003 | |
| LIST OF ART CITED BY APPLICANT (Use several sheets if necessary) | | | | APPLICANT Cem Basceri | | | |
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| U.S. PATENT DOCUMENTS | | | | | | | |
| *Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
| WJ | AA | 6,372,686 B1 | 04/02 | Golden | | | |
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| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

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Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
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| *Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
|-------------------|----|-----------------|-------|-------------------|-------|----------|----------------------------|
| ya | AA | 6,236,076 B1 | 05/01 | Arita et al. | | | |
| | AB | 6,285,051 B1 | 09/01 | Ueda et al. | | | |
| | AC | 5,635,741 | 06/97 | Tsu et al. | | | |
| | AD | 6,422,281 B1 | 07/02 | Ensign Jr. et al. | | | |
| | AE | 6,527,028 B2 | 03/03 | Miller | | | |
| h | AF | 6,602,376 B1 | 08/03 | Bradshaw | | | |
| | AG | | | | | | |
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

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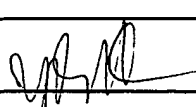
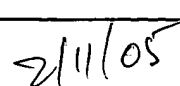
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| U.S. PATENT DOCUMENTS | | | | | | | |
| *Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
| yjk | AA | 4,261,698 | 04/81 | Carr et al. | | | |
| | AB | 4,691,662 | 09/87 | Roppel et al. | | | |
| | AC | 5,261,961 | 11/93 | Takasu et al. | | | |
| | AD | 5,270,241 | 12/93 | Dennison et al. | | | |
| | AE | 5,312,783 | 05/94 | Takasaki et al. | | | |
| | AF | 5,392,189 | 02/95 | Fazan et al. | | | |
| | AG | 5,395,771 | 03/95 | Nakato | | | |
| | AH | 5,468,687 | 11/95 | Carl et al. | | | |
| | AI | 5,525,156 | 06/96 | Manada et al. | | | |
| | AJ | 5,614,018 | 03/97 | Azuma et al. | | | |
| yjk | AK | 5,656,329 | 08/97 | Hampden-Smith | | | |
| | AL | 5,663,089 | 09/97 | Tomozawa et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | Document Number | Date | Country | Class | Subclass | Translation |
| | | | | | | | Yes No |
| yjk | AM | EP 0 030 798 | 06/81 | EPO - Hughes | | | N/A |
| | AN | GB 2 194 555 A | 03/88 | UK - Nippon | | | N/A |
| | AO | EP 0 306 069 A2 | 03/89 | EPO - Phillips | | | N/A |
| | AP | EP 0 388 957 A2 | 09/90 | EPO - NEC Corp | | | N/A |
| | AQ | JP 2250970 | 10/90 | Japan - NEC Corp | | | ABS |
| OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| yjk | AR | Aoyama et al., "Leakage Current Mechanism of Amorphous and Polycrystalline Ta ₂ O ₅ Films Grown by chemical Vapor Deposition," | | | | | |
| | | 1995, pages 977-983. | | | | | |
| yjk | AS | Stemmer et al., "Accommodation of nonstoichiometry in (100) fiber-textured ... thin films grown by chemical vapor deposition," | | | | | |
| | | ©1999 American Institute of Physics, pages 2432-2434. | | | | | |
| yjk | AT | Streiffer et al., "Ferroelectricity in thin films: The dielectric response of fiber-textured ... thin films grown by chemical vapor deposition," | | | | | |
| | | ©1999 American Institute of Physics, pages 4565-4575. | | | | | |
| EXAMINERS | | | | DATE CONSIDERED | | | |
| yjk | | | | 2/11/05 | | | |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

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| Form PTO-1539 | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. M122-1731 | | SERIAL NO. 09/932,003 | |
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| U.S. PATENT DOCUMENTS | | | | | | | |
| *Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
| yjs | AA | 5,702,562 | 12/97 | Wakahara | | | |
| | AB | 5,719,417 | 02/98 | Roeder et al. | | | |
| | AC | 5,723,361 | 03/98 | Azuma et al. | | | |
| | AD | 5,736,759 | 04/98 | Hausaalter | | | |
| | AE | 5,976,990 | 11/99 | Mercaldi et al. | | | |
| | AF | 5,989,927 | 11/99 | Yamonobe | | | |
| | AG | 6,101,085 | 08/00 | Kawahara et al. | | | |
| | AH | 6,215,650 | 04/01 | Gnade et al. | | | |
| | AI | 6,258,654 | 07/01 | Gocho | | | |
| | AJ | 6,287,935 | 09/01 | Coursey | | | |
| yjs | AK | 6,325,017 B1 | 12/01 | DeBoer et al. | | | |
| | AL | 6,335,049 B1 | 01/02 | Basceri | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | Document Number | Date | Country | Class | Subclass | Translation |
| | | | | | | | Yes No |
| yjs | AM | JP 04-24922 | 01/92 | Japan - Mitsubishi | | | X |
| | AN | JP 04-115533 | 04/92 | Japan - Oki Elec. | | | X |
| | AO | JP 04-180566 | 06/92 | Japan - Mitsubishi | | | ABS |
| | AP | JP 08-060347 | 03/96 | Japan - Fujitsu | | | X |
| | AQ | EP 0 810 666 A1 | 12/97 | EPO - Oki Electric | | | N/A |
| OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
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| Form PTO 159 SEP 17 2004 PATENT & TRADEMARK OFFICE | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. M122-1731 | | SERIAL NO. 09/932,003 | |
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| U.S. PATENT DOCUMENTS | | | | | | | |
| *Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
| | AA | 6,566,147 B2 | 05/03 | Basceri et al. | | | |
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| | AM | EP 0 892 426 A2 | 01/99 | EPO - Ramtron | | | N/A |
| | AN | JP 2000091333 | 03/00 | Japan | | | X |
| | AO | WO 01/16395 | 03/01 | WIPO - Micron | | | N/A |
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Sheet 1 of 1

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| Form PTO-1449 | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. M122-1731 | | SERIAL NO. 09/632,003 | |
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| | AN | 0 474 140 A1 | 03/92 | EPO | | | |
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